

CONNECTOR

Publication number: JP4171685 (A)

Publication date: 1992-06-18

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Classification:

- **international:** **H01R13/639; H01R13/64; H01R13/639; H01R13/64;** (IPC1-7): H01R13/639; H01R13/64

- **European:**

Application number: JP19900297493 19901102

Priority number(s): JP19900297493 19901102

Abstract of JP 4171685 (A)

PURPOSE:To eliminate the necessity to change the direction with a guide and prevent the breakage of contacts and the guide at the time of erroneous connection by providing a connector case and a rotary ring rotatably connected to the connector case fixed with a magnet at the tip section and the contacts at the center section. **CONSTITUTION:**A connector is constituted of a connector case 1 and a rotary ring 2 rotatably connected to the connector case 1, fixed with a magnet 3 at the tip section, and fixed with contacts 4 at the center section. When an operator moves two connectors nearer face to face, the rotary rings 2 are rotated by the magnetic force, and the connection is completed while no consideration on the direction is required by an operator. No consideration on the direction of the connectors is required when the connectors are connected, the breakage by an erroneous action is prevented, and the connectors can be connected correctly and handily in a short time.



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